

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of Yan Liu, et al

Serial No.: NOT ASSIGNED

Filed: CONCURRENTLY

For: LARGE CAPACITY ACID  
OR BASE GENERATOR AND  
METHOD OF USE

Examiner: J. Ludlow

Group Art Unit: 1743

PRELIMINARY AMENDMENT

Assistant Commissioner  
for Patents  
BOX PATENT APPLICATION  
Washington, D.C. 20231

Sir:

Please amend the above-identified new divisional application as follows.

IN THE CLAIMS

Please cancel Claims 1-49 and add the following new Claims 50-65.

- 50. A method of generating a base comprising the steps of:
- (a) providing a cation source in a cation source reservoir,
  - (b) flowing an aqueous liquid stream through a first base generation chamber separated from said cation source reservoir by a first barrier substantially preventing liquid flow while providing a cation transport bridge, said first barrier being at least one mm thick,
  - (c) applying an electric potential between an anode in electrical communication with said cation source reservoir and a cathode in electrical communication with said first base generation chamber to electrolytically generate